

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-013972**Date Inspected:** 08-May-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Mr. Yu Dong Ping**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Tower**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance(QA) Inspector, Baskar Govindarajan, was present during the times noted above for observations relative to the work being performed.

Bay no. 10

1.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 057180 perform FCAW welding on, West tower Lift 4 Façade plate and Weld joint identified as WD1-SFSA3-28. ZPMC CWI Identified as Mr. Gao Zhi Chun. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2132.

2.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 500373, 500363 perform SMAW welding on, South tower, Lift 5 and Weld joint identified as SSD1-TL5-1B/F-2A, 35A. ZPMC CWI Identified as Mr. Gao Zhi Chun. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-3213-B-U3C.

3.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 040533, 053869 perform FCAW welding on, Type 1 bearing stiffener in shear plate no. ND1-A24 and Weld joint identified as ND1-A24 A/B-23, 24. ZPMC CWI Identified as Mr. Tu Jun. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2332-TC-P4-F. (Photo attached)

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

Bay no. 11

4.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 251194 perform SMAW welding on, Web to stiffener on spare strut of North tower and Weld joint identified as ND1-STSA4-6-135mtr.-41. ZPMC CWI Identified as Mr. Yu dong ping. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2113.(Photo attached)

Heavy Dock Jetty

5.This QA inspector, Baskar Govindarajan, observed, ZPMC qualified welding personnel identified as 049270 perform FCAW welding on, West tower Lift 1 and Weld joint identified as WSD1-A 423 A/H-3B. ZPMC CWI Identified as Mr. Qie Wen. The welding parameters as measured using QC's calibrated instruments appeared to be in general compliance with WPS-B-T-2231-TC-U5-F.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Skyler Guest - 15000422360, who represents the Office of Structural Materials for your project.

Inspected By: Baskar, Govindarajan

Quality Assurance Inspector

WELDING INSPECTION REPORT

(Continued Page 3 of 3)

Reviewed By: Clifford, William

QA Reviewer